## **CLAIMS ONLY**

SERIAL NO.

OGAIS 395

APPLICANT(S)

FILING DATE

| _\_             |  |  |  |  |  |  |        |
|-----------------|--|--|--|--|--|--|--------|
|                 |  |  |  |  |  |  | CLAIMS |
| <b>)</b> 1      | AS FILED   |  | AFTER<br>1st AMENDMENT                           |  | AFTER 2nd AMENDMENT                              |  |        |
|                 | IND.   | DEP.   | IND.   | DEP.   | IND.   | DEP.   | 1      |
| 1               |  |  |  |  |  |  |        |
| 2               |  | /  |  |  |  |  | 1      |
| 3               |  | 7  |  |  |  | 1  | 1      |
| 4               |  | •  |  |  |  | <del>                                     </del> | 1      |
| 5               |  |  |  | <del> </del>                                     | 1  | <del>                                     </del> | 1      |
| 6               |  | <del>-/-</del>                                   |  | <del>                                     </del> |  | 1  | 1      |
| 7               |  |  |  | <del></del>                                      |  | 1  | 1      |
| 8               |  | -/_  |  |  | 1  | 1  | 1      |
| 9               |  | -/-  |  |  | <del>                                     </del> | <del>                                     </del> | 1      |
| 10              | _  | 1  |  | <u> </u>   | ╁——  | <del> </del>                                     |        |
| 11              |  | 1  |  | <u> </u>   | <del>                                     </del> | +  | 1      |
| 12              | · · · ·  | //   | <del></del>                                      | ļ  | <del>  -</del>                                   | <del>                                     </del> | 1      |
| 13              |  | //   |  | <del>                                     </del> | 1  | <del>                                     </del> | 1      |
| 14              |  | /  | <u> </u>   |  | <del>                                     </del> |  | 1      |
| 15              |  | //   | <b>-</b>   | <del>                                     </del> | <del>                                     </del> | 1  | 1      |
| 16              |  | -  | <del> </del>                                     |  | <del>                                     </del> |  | 1      |
| 17              |  | <del>'/'</del> -                                 | l  | <del>                                     </del> |  | +  | 1      |
| 18              |  | -1-  | <b> </b>   | <del> </del>                                     | <del>                                     </del> | +  | 1      |
| 19              |  | 1  | <del> </del>                                     | †  | $\vdash$   | 1  | 1      |
| 20              |  | //   |  | 1  | <del>                                     </del> | +  | 1      |
| 21              |  | <del>-                                    </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | +  | 1      |
| 22              | 7  | /  |  | <del>                                     </del> | <del>                                     </del> | 1  | 1      |
| 23              |  | 7  |  | <u> </u>   | <b>—</b>   | 1  | 1      |
| 24              |  | /  |  | 1  | <del>                                     </del> | <del> </del>                                     | i      |
| 25              |  | -/,  |  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | 1      |
| 26              |  | <del>/</del>                                     | -  | <del> </del>                                     | +  | <u> </u>   | 1      |
| 27              |  | 7  | <u> </u>   | <del> </del> -                                   | <del> </del>                                     | <b>†</b>   | 1      |
| 28              |  | //   |  | <del>  -</del>                                   | <del> </del>                                     | +  | 1      |
| 29              |  | /  | <del> </del>                                     | <del> </del>                                     | 1  | <del>                                     </del> | 1      |
| 30              |  | /  | 1  | 1  | †  | ╅╾╌╌   | 1      |
| 31              | <del>                                     </del> | //   | <del> </del>                                     | <u> </u>   | 1  | 1  | 1      |
| 32              |  | - <i>!</i>                                       | <u> </u>   |  | ╁╌┈  | -  | 1      |
| 33              | -  | 7  | <b> </b>   | <b></b> -  | †  | -  | 1      |
| 34              | <u> </u>   | 1  | <u>†                                    </u>     | <del> </del>                                     | <b>†</b>   | +  | 1      |
| 35              |  | /  |  |  |  | +  | 1      |
| 36              | _  | 17   | 1  | 1  | 1  | 1  | 1      |
| 37              | t -  | 7  | <b>†</b>   | 1  | 1  |  | 1      |
| 38              | <b>1</b>   | 7  |  |  | 1 -  |  | 1      |
| 39              |  | 1  |  | 1  | 1  | _  | 1      |
| 40              |  | 7  | 1  |  | 1  |  | 1      |
| 41              |  | 17   | <del>                                     </del> | 1  | 1  |  | 1      |
| 42              |  | 7  |  |  | 1  |  | 1      |
| 43              |  | 17   |  | 1  |  |  | 7      |
| 44              |  | 17   | 1  |  | 1  |  | 1      |
| 45              | 1  | 17   |  | 1  |  | T.   | 1      |
| 46              | <del>                                     </del> | 17   | 1  | 1  | †  |  | 7      |
| 47              | 1  | 17   | 1  | 1  | Ť  |  | 1      |
| 48              | †  | 17   | 1  |  | 1  | -,   | 1      |
| 49              | t  | 17   | 1  | 1  | 1  |  | 1      |
| 50              | <del> </del>                                     | 1  | 1  | 1  | <del>                                     </del> |  | 1      |
| TOTAL           | 10   | <u> </u>   | 1  | <b> </b>   | +  | +  | 1      |
| IND.            |  | ا 🚅 ا  |  | J <sub>i</sub> <b>₄</b> ₹                        | <del></del>                                      | J <b>₄</b> ₹                                     |        |
| DEP.            | 43   |  |  |  |  |  |        |
| TOTAL<br>CLAIMS | 40   | <b>37</b> >                                      | 1  | ** 9a . **                                       |  | 53).   |        |
|                 |  |  |  |  |  |  |        |

| l               | *  |  | *  |  | *  |  |
|-----------------|--|--|--|--|--|--|
|                 | IND.   | DEP.   | IND.   | DEP.   | IND.   | DEP.   |
| 51              | 1  |  |  |  |  |  |
| 52              |  |  |  |  |  |  |
| 53              |  |  |  | <u> </u>   |  |  |
| 54              |  | 1  |  |  | <u> </u>   |  |
| 55              |  | 1  | 1  |  |  |  |
| 56              |  | 1  | <u> </u>   |  | <u> </u>   |  |
| 57              |  | 1  | :  |  | ļ  |  |
| 58              | _  | <u> </u>   |  |  | ļ  |  |
| 59              |  | <u> </u>   |  |  | <u> </u>   |  |
| 60              |  |  |  | <u></u>  | <u> </u>   | ļ  |
| 61              |  | _/_  |  |  |  |  |
| 62              |  | <del>                                     </del> |  | 1  | <u> </u>   |  |
| 63              |  |  | ļ  | ļ  | <u> </u>   | <u> </u>   |
| 64              |  | ļ.,  | ļ  | <u> </u>   | ļ  | ļ  |
| 65              |  |  |  | ļ  | <u> </u>   |  |
| 66              |  | <i></i>  |  | <b> </b>   | ļ  | ļ  |
| 67              |  | <u> </u>   | -  | ļ  |  | ļ  |
| 68              |  | <del>                                     </del> | 1  |  | <b></b>  | <u> </u>   |
| 69              |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <u> </u>   | <u> </u>   |
| 70              |  | 14   | <u> </u>   |  | ļ  |  |
| 71              |  | <del>  /,</del>                                  | -  | <del> </del>                                     | -  | ļ  |
| 72              |  | <del>                                     </del> |  | +  | <del> </del>                                     |  |
| 73              |  |  |  | +  |  |  |
| 74              |  | <del>                                     </del> | -  |  | 1  |  |
| 75              | ,  |  | <u> </u>   | -  | +  | <del> </del>                                     |
| 76              |  | + -  | 1  | <del>                                     </del> | ┿  | <del> </del>                                     |
| 77              |  | <del>                                     </del> | 1  | ļ .  | +  | <del> </del>                                     |
| 78              |  | +-4-   | +  |  |  | <del>                                     </del> |
| 79<br>80        |  | + +  | -  |  | +  | <del> </del>                                     |
| 81              | -  | + +  | +  |  | +  | <del>                                     </del> |
| 82              |  | + 4  |  | +  | <del>                                     </del> | <del> </del>                                     |
| 83              | <u> </u>   | + +-   | +  | <del> </del>                                     | +  | -  |
| 84              |  | + 1  | _  | -  | +  | +  |
| 85              | <del> </del>                                     | + 4  | +  | +  | +  | <del> </del>                                     |
| 86              | /  | <del>  -/-</del>                                 | <del>                                     </del> | +  | +  | <u> </u>   |
| 87              | <del>- '</del>                                   | +-/  | <del> </del>                                     | +  | 1  |  |
| 88              | <del>                                     </del> | 1  | +  | 1  | <del>                                     </del> | +  |
| 89              | 1  | 1 /  |  | +  | T  |  |
| 90              |  | <del>  ',</del>                                  | <del>                                     </del> | -  | <del>- </del>                                    |  |
| 91              | <del> </del>                                     | +-   | +  | +  | <del>                                     </del> | 1  |
| 92              | <b>-</b>   | 17   |  | <b>-</b>   | <del>                                     </del> | †  |
| 93              | <del>                                     </del> | +7   | <del>                                     </del> | 1  | <b>—</b>   | †  |
| 94              | †  | 1  |  | 1  | 1  | <b>T</b>   |
| 95              | †  | 1-7  | <del>                                     </del> | 1  | <b>†</b>   | 1  |
| 96              |  | 1 /-   |  |  | 1  | 1  |
| 97              | 1  | +-   | 1  | 1  | 1  | 1  |
| 98              | <del>                                     </del> | + /-   | 1  | 1  | 1  | 1  |
| 99              | $\vdash$   | + ;-   | 1  |  |  | <del>                                     </del> |
| 100             |  | 17   |  | 1  |  | 1  |
| TOTAL           | 5  | <del>                                     </del> | -1   | <b>†</b>   |  | 1 -  |
| IND.            | 1.0  | <b>_</b>   | -  | ┙▃▘  | <b>-</b>   | ╛▄╇  |
| DEP.            | 45   | -  |  | 1 100 0 100 100 100 100 100 100 100 100          |  | · .  |
| TOTAL<br>CLAIMS | 50   | <u>'</u> ا                                       | A  | ***  |  |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-2022 (1-98)

\*U.S. GPO: 1998-443-593/89152

## CLAIMS ONLY

SERIAL NO.

7-31-01

CLAIMS

|               | AS FILED   |  | AFTER 1st AMENDMENT                              |  | AFTER<br>2nd AMENDMENT |          |
|---------------|--|--|--|--|------------------------|----------|
|               | IND.   | DEP.   | IND.   | DEP.   | IND.                   | DEP.     |
| 101           |  | 1  |  |  |                        |          |
| (/)2          |  | 1  |  |  |                        |          |
| Ю3            |  | 7  |  |  |                        |          |
| (04           |  | 1  |  |  |                        |          |
| <i>1</i> 05   | 1  |  |  |  |                        |          |
| <b>//6</b>    | <u> </u>   |  | 1  |  |                        | 1        |
| 107           |  | 1  | <u> </u>   |  |                        |          |
| 1/)8          |  | 7  |  |  |                        |          |
| 109           |  | 1  |  | 1  |                        |          |
| /10           |  | 7  |  |  |                        |          |
| <i>[</i> 11   |  | 1  |  |  |                        |          |
| 112           | 1  | 1  | 1  |  |                        |          |
| 13            |  |  |  | 1  |                        |          |
| 14            |  |  | <u> </u>   |  |                        |          |
| 15            |  |  | <b>†</b>   |  |                        | 1        |
| 16            |  |  | l  |  |                        |          |
| 17            |  |  |  |  |                        |          |
| 18            | <u> </u>   | 1  | 1  |  | 1                      |          |
| 19            |  |  |  |  |                        |          |
| 20            |  |  |  | -  | 1                      |          |
| 21            | i  | İ  | †  | 1  |                        |          |
| 22            |  |  |  |  |                        |          |
| 23            |  |  |  | <del> </del>                                     |                        |          |
| 24            |  |  |  |  | 1                      |          |
| 25            |  | †  | <del> </del> -                                   | 1  | <b>—</b>               | 1        |
| 26            |  | †  | <del>                                     </del> | <b>†</b>   |                        |          |
| 27            | <del> </del>                                     |  | <del>                                     </del> | 1  | 1                      |          |
| 28            | <b>-</b>   |  | 1  | 1  |                        |          |
| 29            | <del> </del>                                     | <del>                                     </del> | 1  | -  | 1                      | 1        |
| 30            | t  |  | <u>†                                      </u>   | <b>—</b>   | 1                      | <u> </u> |
| 31            | †  |  |  |  |                        |          |
| 32            | 1  | 1  |  | <b>T</b>   |                        | 1        |
| 33            |  | 1  |  |  | 1                      |          |
| 34            | <b>†</b>   | <del>                                     </del> | † · · · ·  |  |                        |          |
| 35            | <b>†</b>   | <del> </del>                                     | <del>                                     </del> | 1  |                        |          |
| 36            | <del> </del>                                     | †  | 1  | _  | 1                      |          |
| 37            | <del>                                     </del> |  |  |  |                        | <b>†</b> |
| 38            | <b>t</b>   | †  | 1  | 1  | 1                      | 1        |
| 39            | <del>                                     </del> |  | 1  | 1 -  | 1                      | <b>—</b> |
| 40            | 1  | 1  | 1  |  | 1                      | 1 -      |
| 41            | †  | T  | 1  |  |                        |          |
| 42            | <del>                                     </del> | 1  |  | 1  | 1                      | 1        |
| 43            |  | 1  | 1  | 1 -  | 1                      | 1 -      |
| 44            | t  | 1  | 1  | †  | 1                      |          |
| 45            | <del> </del>                                     | <del>                                     </del> | 1  | <del> </del>                                     | <b>—</b> —             | 1        |
| 46            | <del>                                     </del> | 1  | +  | <del>                                     </del> | 1                      |          |
| 47            | <del> </del>                                     | 1  | +  | <del> </del>                                     | 1                      | 1.       |
| 48            | <del> </del>                                     | +  | 1  | <del> </del>                                     | 1                      | +        |
| 49            | <del>                                     </del> | +  | +  | +  | +                      | +        |
| 50            | <del>                                     </del> |  | ┪  | +-   | +                      | +        |
| TOTAL         | 1  | +  | +  | + -  | +                      | +-       |
| IND.          | 1/   | J <u>↓</u>                                       | <u> </u>   | J <b>↓</b> ▮                                     |                        | ┚╻┸      |
| TOTAL<br>DEP. | 11   | -  |  |  | -                      |          |
| TOTAL         | 1/2  | 134  |  | 2.4  | · ·                    | 1.00     |

|                 | *  |  | *  |              | *  |              |  |
|-----------------|--|--|--|--------------|--|--------------|--|
|                 | IND.   | DEP.   | IND.   | DEP.         | IND.   | DEP.         |  |
| 51              |  |  |  |              |  |              |  |
| 52              |  |  |  |              |  |              |  |
| 53              |  |  |  |              |  |              |  |
| 54              |  |  |  |              |  |              |  |
| 55              |  |  |  |              |  |              |  |
| 56              |  |  |  | 1            | _  |              |  |
| 57              |  |  |  |              |  |              |  |
| 58              |  |  |  |              |  |              |  |
| 59              |  |  |  |              |  |              |  |
| 60              |  |  |  |              |  |              |  |
| 61              |  |  |  |              |  |              |  |
| 62              |  |  |  |              |  |              |  |
| 63              |  |  |  |              |  |              |  |
| 64              |  | ļ  |  |              |  |              |  |
| 65              |  |  | ]  |              |  |              |  |
| 66              |  |  |  |              |  |              |  |
| 67              |  |  |  |              |  |              |  |
| 68              |  |  |  | <u> </u>     | 1  |              |  |
| 69              |  | <u> </u>   |  |              | ļ  |              |  |
| 70              |  | ļ  |  |              | <u> </u>   |              |  |
| 71              | ļ  |  |  |              | <u> </u>   |              |  |
| 72              |  |  |  | <u> </u>     |  |              |  |
| 73              |  |  |  |              | <u> </u>   |              |  |
| 74              |  | <u> </u>   |  | ļ            | <u> </u>   | ļ            |  |
| 75              |  | <u> </u>   | ļ  | <u> </u>     | ļ  |              |  |
| 76              | <u> </u>   |  | <b>.</b>   | ļ            | <u> </u>   |              |  |
|                 | ļ  | -  | ļ  |              | ļ  | ļ            |  |
| 78              | <u> </u>   |  | <del> </del>                                     | <del> </del> | 1  |              |  |
| 79              |  | <b> </b>   | 1  |              |  | ļ            |  |
| 80              | <u> </u>   | ļ  | ļ  | -            |  |              |  |
| 81              |  | ļ  | <b> </b>   | <del> </del> | ļ  | <b> </b>     |  |
| 82              |  | <b>↓</b>   |  | <del> </del> | <b>-</b>   |              |  |
| 83              | ļ  |  | <u> </u>   | <del> </del> | <del> </del>                                     |              |  |
| 84              | <u> </u>   | -}   | <del> </del>                                     | <del> </del> | 1  | <del> </del> |  |
| 85              | <b>├</b>   | <del> </del>                                     | -  | -            | <del> </del>                                     | ļ            |  |
| 86              | -  | <b></b>  | -  | -            | <del>                                     </del> | <del> </del> |  |
| 87              | <del> </del>                                     | +  | <del> </del>                                     | <del> </del> | <del>                                     </del> | -            |  |
| 88              | 1  |  | 1  | -            | -  | <del> </del> |  |
| <u> </u>        | <del> </del>                                     | <del> </del>                                     | 1  | +            | <del> </del>                                     | -            |  |
| 90              | <del> </del>                                     | +  | +  | <del> </del> | <del>                                     </del> | +            |  |
| 92              | <del> </del>                                     | +  | -  | -            | +  |              |  |
| 93              | <del>                                     </del> |  | <del>                                     </del> | +            | -  |              |  |
| 94              | +  | +  | +  | +            | <del> </del>                                     | <b>+</b>     |  |
| 95              | +  | 1  | +  | +            | 1  | <del> </del> |  |
| 96              | +  | 1  | +  | +            | +  | <del> </del> |  |
| 97              | +  | +  | +  | + -          | +  | <del> </del> |  |
| 98              |  | +  | <del> </del>                                     |              | +  | <del> </del> |  |
| 99              | +  | 1. 1.  | 4  | +            | + -  | +            |  |
| 100             | +-7  | bra  | 4—   | +            | + -  | +            |  |
| TOTAL           |  | <del>                                     </del> | +  | -            | +  | +            |  |
| IND.            | 8  | <b>.</b> L                                       | <u> </u>   | J <b>↓</b> ↓ |  | J [          |  |
| TOTAL<br>DEP.   | 104  |  |  |              |  |              |  |
| TÖTAL<br>CLAIMS | [112]  | -1   |  |              |  |              |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office